| Number | Hits | Search Text | DB | Time stamp |
|--|----------|---|--------------|-------------------|
| | 1115 | sensor near2 package | USPAT | 2003/01/07 10:1 |
| | 2734 | "14" and force | USPAT | 2000/12/05 16:3 |
| | 1022 | "15" and housing | USPAT | 2000/12/05 16:4 |
| | 130 | ("15" and coplanar or paralel) and (shelf or support) | USPAT | 2000/12/07 17:0 |
| | 24 | (("15" and coplanar or paralel) and (shelf or support)) and sensor | USPAT | 2000/12/06 09:0 |
| | 56275 | 73/\$3.ccls. | USPAT | 2000/12/05 16:4 |
| | 1 | 73/\$3.ccls. and ((("15" and coplanar or paralel) and (shelf or | USPAT | 2000/12/05 16:4 |
| | | support)) and sensor) | | |
| | 8 | ("15" and housing) and 73/\$3.ccls. | USPAT | 2000/12/05 16:4 |
| | 262 | "15" and coplanar or paralel | USPAT | 2000/12/05 16:5 |
| | 132 | (sensor near2 package) and 73/\$3.ccls. | USPAT | 2000/12/05 16:5 |
| | 51333 | (("15" and coplanar or parallel) and (shelf or support)) and sensor | USPAT | 2000/12/06 09:3 |
| | 2129 | (("15" and coplanar or parallel) and (shelf or support)) and sensor | USPAT | 2000/12/06 09:3 |
| | 2127 | and (73/\$3.ccls.) | OSLAT | 2000/12/00 09.2 |
| | 2129 | (("15" and coplanar or parallel) and (shelf or support)) and sensor | USPAT | 2000/12/06 004 |
| | 2129 | | USPAT | 2000/12/06 09:4 |
| | 1726 | and 73/\$3.ccls. | 1100.0 | |
| | 1726 | ((("15" and coplanar or parallel) and (shelf or support)) and sensor | USPAT | 2000/12/06 09:4 |
| | | and 73/\$3.ccls.) and (well or hollow) | | |
| | 1111 | (((("15" and coplanar or parallel) and (shelf or support)) and sensor | USPAT | 2000/12/06 09:4 |
| | | and 73/\$3.ccls.) and (well or hollow)) and force | | |
| | 114 | ((((("15" and coplanar or parallel) and (shelf or support)) and sensor | USPAT | 2000/12/11 16:0 |
| | | and 73/\$3.ccls.) and (well or hollow)) and force) and (conductive | | |
| | | and (adhesive or glue)) | | |
| | 114 | ((((((housing and coplanar or parallel) and (shelf or support)) and | USPAT | 2000/12/06 16: |
| | | sensor and 73/\$3.ccls.) and (well or hollow)) and force) and | | |
| | | (conductive and (adhesive or glue)) | | |
| | 5 | 3812817.pn. or | USPAT | 2000/12/06 16: |
| | _ | 3861201.pn. or 4567765.pn. or 4730497.pn. or 5377548.pn. | | i |
| | 7 | (((((housing and coplanar or parallel) and (shelf or support)) and | USPAT | 2000/12/06 16: |
| | 1 | sensor and 73/\$3.ccls.) and (well or hollow)) and force) and | OSIAI | 2000/12/00 10.2 |
| | | | | |
| | 5035 | (conductive and (adhesive or glue)).clm. karbassi maurer | LICDAT | 2000/12/07/00 |
| | | | USPAT | 2000/12/07 09:3 |
| | 688 | (karbassi maurer) and sensor | USPAT | 2000/12/07 09:: |
| | 297 | (karbassi maurer) and sensor and force | USPAT | 2000/12/07 09:5 |
| • | 22 | (karbassi maurer) and sensor and force and 73/\$3.ccls. | USPAT | 2000/12/07 10:0 |
| | 22 | (karbassi or maurer) and sensor and force and 73/\$3.ccls. | USPAT | 2000/12/07 10:0 |
| | 0 | (karbassi.au. or maurer.au.) and sensor and force and 73/\$3.ccls. | USPAT | i 2000/12/07 10:0 |
| | 0 | (karbassi.au. or maurer.au.) and 73/\$3.ccls. | USPAT | 2000/12/07 10:0 |
| | 21 | (karbassi or maurer) and sensor and force and pressure and | USPAT | 2000/12/07 10: |
| | | 73/\$3.ccls. | | |
| | 27 | karbassi | USPAT | 2000/12/07 10: |
| | 18502 | (car automibile)and (counter meter sensor) | USPAT | 2000/12/07 11:0 |
| | 9838 | (car automibile) and (counter meter sensor) and (pressure | USPAT | 2000/12/07 11: |
| | 7030 | electromagnetic) | JULAI | 2000/12/07 11. |
| | 506 | ((car automibile)and (counter meter sensor)and (pressure | HISDAT | 2000/12/07 11/ |
| | 300 | | USPAT | 2000/12/07 11:0 |
| | 117 | electromagnetic)) and intersection | LICDAT | 2000/12/07 11/ |
| | 117 | (((car automibile)and (counter meter sensor)and (pressure | USPAT | 2000/12/07 11:0 |
| | | electromagnetic)) and intersection) and traffic | 1105 - 5 | 2000000 |
| | 1 | ((((car automibile)and (counter meter sensor)and (pressure | USPAT | 2000/12/07 11:0 |
| | | electromagnetic)) and intersection) and traffic) and 73/\$3.ccls. | 1 | |
| | 339 | ((car automibile)and (counter meter sensor)and (pressure | USPAT | 2000/12/07 11:0 |
| İ | | electromagnetic)) and 73/\$3.ccls. | | |
| | 25 | (((car automibile)and (counter meter sensor)and (pressure | USPAT | 2000/12/07 11:0 |
| | | electromagnetic)) and intersection) and 73/\$3.ccls. | | |
| | 432 | (car automibile)near2 (counter meter sensor)and (pressure | USPAT | 2000/12/07 11:1 |
| | | electromagnetic) | | |
| | 14 | (car automibile)near2 (counter meter sensor) near2 (pressure | ! + USPAT | - |
| i | 14 | electromagnetic) | OSLAT | 2000//12/07/11.1 |
| | | | 1 | |
| | 2.2 | (agr automibila) near? (aguster motor canage) and (maccourt | HCDAT | 2000/12/07 11:1 |
| Value of the second of the sec | 66 | (car automibile)near2 (counter meter sensor)and (pressure | USPAT | 2000/12/07 11:1 |
| | 66 20 | (car automibile)near2 (counter meter sensor)and (pressure electromagnetic) and (intersection traffic) (car automibile)near2 (counter meter sensor)and (pressure | USPAT | 2000/12/07 11:1 |

| - | | 220 | (car vehicle automibile)near2 (counter meter sensor)and (pressure | USPAT | 2000/12/07 11:22 |
|----|-----|-----------|--|-----------|------------------|
| | | 72 | electromagnetic) and 73/\$3.ccls. | | |
| - | | 73 | (housing and coplanar) and (shelf or support or boss or | USPAT | 2000/12/08 12:59 |
| | | | projection) and sensor and (well or hollow or cavity or pit) and | | |
| | | 270 | 73/\$3.ccls. | | |
| - | | 278 49 | force and sensor near package | USPAT | 2000/12/08 14:03 |
| - | | 9 | force and sensor near package and adhesive | USPAT | 2000/12/08 13:01 |
| - | | 568170 | force and sensor near package and membrane and environmental | USPAT | 2000/12/08 14:05 |
| - | | 308170 | force near4 sensor near package and membrane or cover force near4 sensor near package and (membrane or cover) | USPAT | 2000/12/08 14:06 |
| | | 3 | force near4 sensor near package and (memorane or cover) force near4 sensor near package and (membrane or cover) and | USPAT | 2000/12/08 15:39 |
| | | , | (hollow or cavity or well) | USPAT | 2000/12/11 15:16 |
| - | | 3 | force near4 sensor near package and (membrane or cover) and | USPAT | 2000/12/11 15:17 |
| | | | (hollow or cavity or well)and pressure | OSFAT | 2000/12/11 15:17 |
| 1- | | 768 | sensor near package | USPAT | 2000/12/11 15:22 |
| - | | 66784 | pressure and pad | USPAT | 2000/12/11 15:22 |
| - | | 9259 | (pressure and pad) and sensor | USPAT | 2000/12/13 15:47 |
| - | | 6510 | ((pressure and pad) and sensor) and (hollow or cavity or hole or | USPAT | 2000/12/13 16:29 |
| | | | housing) | CBITTI | 2000/12/13 10:23 |
| - | | 112 | (((pressure and pad) and sensor) and (hollow or cavity or hole or | USPAT | 2000/12/13 15:54 |
| | | | housing)) and calculator | 00 | 2000/12/15/15:54 |
| - | İ | 2 | (((((pressure and pad) and sensor) and (hollow or cavity or hole or | USPAT | 2000/12/13 15:55 |
| | | | housing)) and calculator) and elastomeric and(cover or membrane) | | |
| - | | 38 | ((((pressure and pad) and sensor) and (hollow or cavity or hole or | USPAT | 2000/12/13 15:55 |
| | | | housing)) and calculator) and keypad | | |
| - | | 6510 | ((pressure and pad) and sensor) and (hollow or cavity or hole or | USPAT | 2000/12/13 16:31 |
| | | | housing) and (pressure or force or stress) | | |
| - | | 4144 | (((pressure and pad) and sensor) and (hollow or cavity or hole or | USPAT | 2000/12/13 16:33 |
| | | | housing) and (pressure or force or stress)) and (cover membrane | | |
| | | | elastomeric protective) | | |
| - | | 366 | ((((pressure and pad) and sensor) and (hollow or cavity or hole or | USPAT | 2000/12/13 16:34 |
| | | | housing) and (pressure or force or stress)) and (cover membrane | | |
| | | _ | elastomeric protective)) and protrudes | | |
| - | | 2 | ((((pressure and pad) and sensor) and (hollow or cavity or hole or | USPAT | 2000/12/13 16:36 |
| | | | housing) and (pressure or force or stress)) and (cover membrane | | |
| | | 2110 | elastomeric protective)) and sensor near2 protrudes | | |
| - | ĺ | 3110 | ((((pressure and pad) and sensor) and (hollow or cavity or hole or | USPAT | 2000/12/13 16:37 |
| | | | housing) and (pressure or force or stress)) and (cover membrane | | |
| | İ | 255 | elastomeric protective)) and (shelf support legs boss) | HODAT | 2000/12/12 15 07 |
| - | | 233 | (((((pressure and pad) and sensor) and (hollow or cavity or hole or | USPAT | 2000/12/13 16:37 |
| | | | housing) and (pressure or force or stress)) and (cover membrane | | |
| _ | | 181 | elastomeric protective)) and protrudes) and connection ((((((pressure and pad) and sensor) and (hollow or cavity or hole or | USPAT | 2000/12/12 16:29 |
| | | 101 | housing) and (pressure or force or stress)) and (cover membrane | USPAI | 2000/12/13 16:38 |
| | | | elastomeric protective)) and protrudes) and connection) and lead\$ | | |
| _ | | . 158 | (((((((pressure and pad) and sensor) and (hollow or cavity or hole or | USPAT | 2000/12/13 16:40 |
| | | | housing) and (pressure or force or stress)) and (cover membrane | JOIAI | 2000/12/13 10.40 |
| | | | elastomeric protective)) and protrudes) and connection) and lead\$) | | |
| | | | and electric\$2 | | |
| - | | 6 | (((((((pressure and pad) and sensor) and (hollow or cavity or hole | USPAT | 2000/12/13 16:41 |
| | 9.1 | v 10 | or housing) and (pressure or force or stress)) and (cover membrane | | 2.10.11 |
| 1 | 9 | | elastomeric protective)) and protrudes) and connection) and lead\$) | | |
| | | | and electric\$2) and 73/\$4.ccls. | | |
| - | | 811 | sensor near package | USPAT | 2001/07/09 17:09 |
| - | | 1188 | sensor near package | USPAT; | 2001/07/09 17:09 |
| | 1 | | | US-PGPUB; | |
| | | | | ЕРО; ЈРО; | |
| | | | | DERWENT; | |
| | | | | IBM_TDB | 1 |

| | 22 | sensor near package and force near2 sensor and (coplanar plane flat) | USPAT; | 2001/07/09 17:10 |
|---|-------|--|---------------------|------------------|
| | | | US-PGPUB; | |
| | | | ЕРО; ЈРО; | |
| | | | DERWENT: | |
| | 12966 | (sensor detector transducer) near6 (housing casing cover\$4 frame | BM_TDB | 2002/01/06 15 20 |
| | 12700 | box) near6 (hollow cavity gap spac\$4 aperture opening) | USPAT; US-PGPUB; | 2003/01/06 15:29 |
| | | designation of the space of aperture opening) | EPO; JPO; | |
| | | | DERWENT: | |
| | | | IBM TDB | |
| | 14474 | (sensor detector transducer) near6 (housing casing cover\$4 frame | USPAT; | 2003/01/06 16:21 |
| | | box) near6 (hollow cavity gap spac\$4 aperture well opening) | US-PGPUB; | |
| | | | ЕРО, ЈРО, | |
| | | | DERWENT; | |
| | 331 | ((sensor detector transducer) near6 (housing casing cover\$4 frame | IBM_TDB USPAT; | 2002/01/06 15 56 |
| | 331 | box) near6 (hollow cavity gap spac\$4 aperture well opening)) near8 | US-PGPUB: | 2003/01/06 15:56 |
| | | (planar flat plane) | EPO; JPO; | |
| | | · · / | DERWENT; | |
| | | | IBM_TDB | |
| | 331 | ((sensor detector transducer) near6 (housing casing cover\$4 frame | USPAT; | 2003/01/06 16:16 |
| | | box) near6 (hollow cavity gap spac\$4 aperture well opening)) near8 | US-PGPUB; | |
| | | (planar flat plane coplanar co?planar) | ЕРО; ЛРО; | |
| | | | DERWENT; | |
| I | i | | IBM_TDB | |

| 2 | 6040625.pn. | USPAT, | 2003/01/06 16 16 |
|------|---|---|--|
| | | US-PGPUB; | |
| | | ЕРО; ЛРО; | |
| | | DERWENT; | |
| | | IBM_TDB | |
| 1 | 1 | USPAT | 2003/01/06 16:17 |
| 9709 | (sensor detector transducer) same (housing casing cover\$4 frame | USPAT; | 2003/01/06 16:47 |
| | | US-PGPUB; | |
| | (planar tlat plane coplanar co?planar) | ЕРО; ЛРО; | |
| | | | |
| 27.6 | | IBM_TDB | |
| 2716 | | USPAT; | 2003/01/06 17:19 |
| | | | |
| | | | |
| | transducer piezoelectric piezoresistive)) | | |
| 1020 | | | |
| 1828 | ((sensor detector transducer) same (housing casing cover\$4 frame | | 2003/01/06 17:04 |
| | | | |
| | | | İ |
| | | 1 | |
| 600 | | _ | |
| 099 | | 1 | 2003/01/06 17:09 |
| | ((n)apar flat plane conlanar co?) planar) poor (concor del seter | | 1 |
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| | near5 (detect\$4 determin\$4 sens\$4 transduc\$4 monitor\$4 | IDM_IDD | |
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| 459 | · · · · · · · · · · · · · · · · · · · | IISPAT: | 2003/01/06 17:16 |
| | | 1 ' 1 | 2003/01/00 17.10 |
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| | | | |
| | | | 1 |
| | | | |
| | 1 9709 2716 1828 699 | 1 6040625 URPN (sensor detector transducer) same (housing casing cover\$4 frame box) same (hollow cavity gap spac\$4 aperture well opening) same (planar flat plane coplanar co?planar) 2716 (sensor detector transducer) same (housing casing cover\$4 frame box) same (hollow cavity gap spac\$4 aperture well opening) same ((planar flat plane coplanar co?planar) near6 (sensor detector transducer piezoelectric piezoresistive)) 1828 ((sensor detector transducer) same (housing casing cover\$4 frame box) same (hollow cavity gap spac\$4 aperture well opening) same ((planar flat plane coplanar co?planar) near6 (sensor detector transducer piezoelectric piezoresistive))) and (connector terminal plug connection electrode) 699 (((sensor detector transducer) same (housing casing cover\$4 frame box) same (hollow cavity gap spac\$4 aperture well opening) same ((planar flat plane coplanar co?planar) near6 (sensor detector transducer piezoelectric piezoresistive))) and (connector terminal plug connection electrode)) and ((force pressure load\$4 strain) near5 (detect\$4 determin\$4 sens\$4 transduc\$4 monitor\$4 estimat\$4)) | US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |

| - | | 151 | ((((sensor detector transducer) same (housing casing cover\$4 frame | USPAT; | 2003/01/07 10:55 |
|---|---|-----|---|-----------|------------------|
| | | | box) same (hollow cavity gap spac\$4 aperture well opening) same | US-PGPUB; | 2003/01/07 10.33 |
| | | | ((planar flat plane coplanar co?planar) near6 (sensor detector | EPO; JPO; | |
| | ļ | | transducer piezoelectric piezoresistive))) and (connector terminal | DERWENT; | |
| | | | plug connection electrode)) and ((force load\$4 strain) near5 | IBM TDB | |
| | | | (detect\$4 determin\$4 sens\$4 transduc\$4 monitor\$4 estimat\$4))) and 73/\$6.ccls. | | |
| - | | 212 | ((((sensor detector transducer) same (housing casing cover\$4 frame | USPAT; | 2003/01/06 17:16 |
| | | | box) same (hollow cavity gap spac\$4 aperture well opening) same | US-PGPUB; | |
| | | | ((planar flat plane coplanar co?planar) near6 (sensor detector | EPO; JPO; | |
| | | | transducer piezoelectric piezoresistive))) and (connector terminal | DERWENT, | |
| | | | plug connection electrode)) and ((force load\$4 strain) near5 | IBM TDB | |
| | | | (detect\$4 determin\$4 sens\$4 transduc\$4 monitor\$4 estimat\$4))) and (hollow cavity) | _ | |
| • | | 162 | (sensor detector transducer) same packag\$4 same (hollow cavity gap | USPAT: | 2003/01/07 11:00 |
| | | | spac\$4 aperture well opening) same ((planar flat plane coplanar | US-PGPUB; | i |
| | | | co?planar) near6 (sensor detector transducer piezoelectric | EPO: JPO; | |
| | | | piezoresistive)) | DERWENT; | |
| | | | , | IBM TDB | |
| | | 1 | 4355692.pn. | USPAT | 2003/01/07 10:12 |
| | | 2 | 61530 7 0.pn. | USPAT; | 2003/01/07 10:58 |
| | | | | US-PGPUB, | |
| | | | | ЕРО, ЛРО; | |
| | | | | DERWENT; | |
| | | | | IBM TDB | |
| | | 81 | (sensor detector transducer) same (housing casing case packag\$4) | USPAT; | 2003/01/07 11:21 |
| | | | same (hollow cavity gap spac\$4 well) same ((planar flat plane | US-PGPUB: | |
| | | | coplanar co?planar sandwich\$4) near6 (sensor detector transducer | ЕРО; ЛРО; | |
| | | | piezoelectric piezoresistive gauge gage) near6 (membrane cover\$4 | DERWENT: | |
| | | | elastomer\$4 plastic elastic insulat\$4)) | IBM TDB | |
| | | 52 | ((sensor detector transducer) same (housing casing case packag\$4) | USPAT; | 2003/01/07 11:23 |
| | | | same (hollow cavity gap spac\$4 well) same ((planar flat plane | US-PGPUB; | |
| | | | coplanar co?planar sandwich\$4) near6 (sensor detector transducer | EPO, JPO; | ! |
| | | | piezoelectric piezoresistive gauge gage) near6 (membrane cover\$4 | DERWENT; | |
| | | | elastomer\$4 plastic elastic insulat\$4))) and (step groove shelf | IBM TDB | |
| | | | shelve project\$4) | _ | . ! |





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|----------|------|---|-------|------------------|
| 2 | 5 | (sensor near2 package) same (connect\$4 near2 pad) | USPAT | 2003/01/07 15:44 |
| 3 | 36 | (sensor near2 package) same ((electrode plug connect\$4) near2 | USPAT | 2003/01/07 15:58 |
| | | (surface layer pad)) | | 2003/01/07 15:50 |
| 4 | 42 | (sensor near2 package) same ((electrode terminal plug connect\$4) near2 (surface layer pad)) | USPAT | 2003/01/07 15:49 |
| 5 | 267 | (sensor near2 (housing casing case)) same ((electrode plug connect\$4) near2 (surface layer pad)) | USPAT | 2003/01/07 16:05 |
| 6 | 94 | ((sensor near2 (housing casing case)) same ((electrode plug connect\$4) near2 (surface layer pad))) and (insulat\$4 near4 (layer film cover\$4)) | USPAT | 2003/01/07 16:07 |